

Moulded Case Circuit Breakers

CDP Breaker Cross to Square D

CDP Connector Kits

The CDP connector kits are used to install Square D breakers into existing Federal Pioneer CDP panels and Switchboard distribution interiors that originally used branch breakers from the Horizon family.

Please note that these connector kits are designed to be applied on CDP interiors with Extruded Bus only, (except HDCMH, JDCMH, and LDCMH that can be also used on CDP interiors with Flat Bus).

Please refer to installation bulletins for detailed information on these kits.

Retrofitting or adding new Square D Breakers into CDP Interiors

Federal Pioneer Horizon Breaker	Amperage	Alternate Square D Breaker	Connector Mounting Hardware
CE Breaker	15A – 100A	15A – 100A Powerpact H ■	HDCMH
	150A – 250A	150A – 225A Powerpact J ■	JDCMH
CJL Breaker	100A – 400A	LA/LH ●	LACMH
CJM Breaker*	300A – 600A	400A-600A PowerPact L ● □	LDCMH
CK	250A – 1200A	Powerpact P ◆	PCDPCMH

- Need to be replaced in pairs, can not mount a CE breaker back to back with a PowerPact breaker. Not suitable for 100% rated and type HR, JR MCCBs.
- Available only as single mount option. Not available as a double mount or Back to back mount due to dimensional constraints.
 - Condition 1: Panel with all single row branch circuits.*
A minimum branch circuit height of 8-1/4" is required.
 - Condition 2: Panel with all double row branch circuits.*
This will require a modification to the trim to remove a section of the trim centre strip in the location where the new breaker is to be installed. A minimum branch circuit height of 9-5/8" is required and the breaker should be located where the centre strip ends. (This space includes one 1-3/8" wide filler to support the center strip).
If the breaker must be located between two sections of a double row trim then the minimum branch circuit height required is 11". (This space includes two 1-3/8" wide fillers to support both ends of the centre strips)
- The PowerPact L-Frame breaker has an overall height of 5-1/2" but will be fitted with a Cover plate to fill the existing branch circuit space of 8-1/4".
- ◆ Available only for single mount. The CK breaker can not be replaced in existing 12X of branch circuit height, the Square D PowerPact breaker requires space with a 16X branch nominal height. Contact Schneider Services for installation of PowerPact P breaker and mounting hardware.
- * PowerPact L-Frame can also be used to replace Square D LC/LI/LX/LE/LXI installed in CDP panels as a replacement of CJM breakers.